



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit
P0039131	THY001-VC	7	1	Net 30	M6061T6B1.000X16.000 1.000x1800	6061-T6 Bar 1.00 X 16.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12	3/8/2018	24		S047751	Stock	3/5/2018	\$ 72.50 / ft
		12			M304B0.750X1.500	304 Bar 0.750 X 1.500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft					3/2/2018	12		S047752	Stock	3/5/2018	\$ 12.78 / ft
Total:										24		36					

Plex 3/5/2018 8:27 AM Dart Dubois Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039131

Supplier: THY001-VC
Thyssenkrupp Materials CA Ltd
O/A VPK Metal- c/o T27540
PO Box 4275, Postal "A"
Toronto
ON
M5W 5V8 Canada
Phone: 905 669 9444
Fax: 905 738 9033

PO No: PO039131

PO Date: 2/26/18

Due Date: 3/2/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED
FEB 27 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: QUOTE NO: 1203013512

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B0.500X12.000		6061-T6 Bar .500 X 12.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$17.64/ft	\$423.36
						24			MAR 02 2018	
2	M6061T6B0.500X05.000		6061-T6 Bar .500 X 5.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$7.35/ft	\$176.40
						24			MAR 02 2018	
3	M6061T6B1.000X1.000		6061T6 Bar 1.000 X 1.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$2.94/ft	\$70.56
						24			MAR 02 2018	

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	M6061T6B1.000X02.000		6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$5.88/ft	\$141.12
						24'			DAS 11 9-89	MAR 02 2018
5	M6061T6B1.500X02.500		6061-T6 Bar 1.50 X 2.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	60 ft	0 ft	60 ft	\$11.03/ft	\$661.80
6	M6061T6B2.250X2.250		6061T6 Bar 2.250 X 2.250 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/8/18	12 ft	0 ft	12 ft	\$17.86/ft	\$214.32
7	M6061T6B1.000X16.000		6061-T6 Bar 1.00 X 16.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/8/18	12 ft	0 ft	12 ft	\$72.50/ft	\$870.00
						24'			DAS 11 9-89	MAR 05 2018
Line Item Note MAT'L 1.000" X 18.000" ACCEPTABLE										
8	M6061T6B0.750X06.000		6061T6 Bar .750 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	12 ft	0 ft	12 ft	\$13.23/ft	\$158.76
						12'			DAS 11 9-89	MAR 02 2018

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	M6061T6B1.250X02.000		6061T6 Bar 1.250 X 2.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	12 ft	0 ft	12 ft	\$7.35/ft	\$88.20
							12			
										MAR 02 2018
10	M6061T6S.080		6061-T6 .080 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	3/2/18	96 sf	0 sf	96 sf	\$4.2334375/sf	\$406.41
							96			
							144			MAR 02 2018
11	M6061T6S.3125		6061-T6 .3125 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	3/2/18	48.648 sf	0 sf	49 sf	\$11.012169/sf	\$535.72
							48			
										MAR 02 2018
12	M304B0.750X1.500		304 Bar 0.750 X 1.500" : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	3/2/18	12 ft	0 ft	12 ft	\$12.78/ft	\$153.36
							12			
										MAR 05 2018
Grand Total: \$3,900.01										

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/26/18 2:08 PM dart.lavoie.chantal



QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5G6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

TEL: 613-632-5200
FAX: 613-632-5246

DATE: 02/22/2018
QUOTE NO: 1203013512
YOUR INQUIRY:
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200
CUSTOMER NO: 10058125
DEPARTMENT: CAN TOR INS 01
CONTACT: Teresa Volpe
TEL:
FAX:
EMAIL: Teresa.Volpe@thyssenkrupp.com

PAGE 1 OF 5

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0010	ALREC76047 6061 T6511 Aluminum Extruded Rectangular 0.50000 X 12.0000 X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2 24 169.344	PC FT LB	17.64 CAD 1 FT	423.36
0020	ALREC00870 6061 T6511 Aluminum Extruded Rectangular 0.50000 (+-.009) X 5.0000 (+-.034) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2 24 70.560	PC FT LB	7.35 CAD 1 FT	176.40
0030	ALREC00396 6061 T6511 Aluminum Extruded Rectangular 0.75000 X 5.0000 (+-.125-0) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 12 52.920	PC FT LB	11.03 CAD 1 FT	132.36

17.64

7.35



QUOTE

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
YOUR INQUIRY:
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200

PAGE 2 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0040	ALSQ00013 6061 T6511 Aluminum Extruded Square 1.00000 " (+-.012) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2 24 28.224	PC FT LB	2.94 CAD 1 FT	70.56 ^{2.94}
0050	ALREC52164 6061 T6511 Aluminum Extruded Rectangular 1.00000 X 1.6250 X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 12 22.932	PC FT LB	4.78 CAD 1 FT	57.36
0060	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2 24 56.448	PC FT LB	5.88 CAD 1 FT	141.12 ^{11.71}
0070	ALREC00304 6061 T6511 Aluminum Extruded Rectangular 1.50000 (+-.014) X 2.5000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	5 60 264.600	PC FT LB	11.03 CAD 1 FT	661.80 ^{11.03}



QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
YOUR INQUIRY:
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200

PAGE 3 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0080	ALSQ00023 6061 T6511 Aluminum Extruded Square 2.25000 " (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/28/2018 1.5 WEEKS ARO	1 12 71.448	PC FT LB	17.86 CAD 1 FT	214.32 17.86
0090	ALREC00304 6061 T6511 Aluminum Extruded Rectangular 1.50000 (+-.014) X 2.5000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 12 52.920	PC FT LB	11.03 CAD 1 FT	132.36
0100	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 12 28.224	PC FT LB	5.88 CAD 1 FT	70.56
0110	ALREC01081 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 18.0000 (+.288-0) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT Nominal Chemistry/Nom Physical Standard Packaging Delivery Date: 02/27/2018 1.5 WEEKS ARO	2 24 508.032	PC FT LB	72.50 CAD 1 FT	1,740.00



QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
YOUR INQUIRY:
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200

PAGE 4 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0120	ALREC00274 6061 T6511 Aluminum Extruded Rectangular 0.75000 (+-.010) X 6.0000 (+-.044) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 12 63.504	PC FT LB	13.23 CAD 1 FT	158.76
0130	ALREC00726 6061 T6511 Aluminum Extruded Rectangular 1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 12 35.280	PC FT LB	7.35 CAD 1 FT	88.20
0150	OFFERING .25X48.5X144.50 ALFLR00939 6061 Aluminum T651 Sheet 0.25000 (+-.015) X Width 48.5000 X Length 144.5000 ASME SECTION II B SB-209 2010 ASTM B209 2014 ROHS COMPLIANT SAE AMS 4027 N Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/26/2018	1 176.861	PC LB	442.15 CAD 1 PC	442.15
0160	OFFERING .080X48X144 ALFLR00493 6061 Aluminum T6 Sheet 0.08000 (+-.0035) X Width 48.0000 X Length 144 ASTM B209 2014 ROHS COMPLIANT SAE AMS 4027 N Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	3 162.570	PC LB	135.47 CAD 1 PC	406.41



QUOTE

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
YOUR INQUIRY:
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200

PAGE 5 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0170	OFFERING .3125X48.5X144.5	1	PC	535.72 CAD	535.72
	ALFLR74857	214.287	LB	1 PC	
	6061 Aluminum T651 Sheet				
	0.31200 X Width 48.5000 X Length 144.5000				
	Actual Chemistry/Act. Physical				
	Standard Packaging				
	Delivery Date: 02/26/2018				
	Weight total	1,978.154	LB		
	Items total				5,451.44
	Net Amount				5,451.44
	GST				708.69
	TOTAL				6,160.13

4.04
12.04 48.648

Payment Terms: Within 30 days without deduction
Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
Shipping Condition: General Delivery

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment.
Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at <http://www.tkmna.com/tkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.

Tax exemption status documentation must be forwarded to credit department prior to order approval.
All returned material subject to restock charge



QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

TEL: 613-632-5200
FAX: 613-632-5246

DATE: 02/22/2018
QUOTE NO: 1203013596
YOUR INQUIRY:
ATTENTION TO: CHANTAL LAVOIE
TEL: 613-632-5200
CUSTOMER NO: 10058125
DEPARTMENT: CAN TOR INS 01
CONTACT: Teresa Volpe
TEL:
FAX:
EMAIL: Teresa.Volpe@thyssenkrupp.com

PAGE 1 OF 3

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0010	SSRD00076 T-303 Stainless Steel Round 0.7500 " (+.002) X 144 Mill Length ASTM A 484/A 484M 2016 ASTM A 582/A 582M 2012 ROHS COMPLIANT SAE AMS 5640 V Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018 CERTS MUST INCLUDE TENSILE, YIELD, ELONGATION, AND REDUCTION OF AREA	8 96 147.514	PC FT LB	6.84 CAD 1 FT	656.64
0030	SSREC00117 T-304/304L Stainless Steel HRAP Rectangular 0.75000 " (+.015) X 1.5000 " (+.031) X 144 Mill Length ASME SEC II A-2 SA-479(M) 2007 ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS-QQ-S-763 D Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	1 12 46.176	PC FT LB	12.78 CAD 1 FT	153.36



QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/22/2018
QUOTE NO: 1203013596
YOUR INQUIRY:
ATTENTION TO: CHANTAL LAVOIE
TEL: 613-632-5200

PAGE 2 OF 3

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0040	OFFERING 48X120 SSFLR00026 T-304/304L Stainless Steel 2B Sheet 11 Gauge X 0.12000 (+-.007) X Width 48.0000 X Length 120 ASME SECT II A SA-240(M) 2007 ASTM A 240/A 240M REV A 2016 ROHS COMPLIANT Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	1 200.448	PC LB	651.46 CAD 1 PC	651.46
0050	OFFERING 240FT SSFLR00222 T-304/304L Stainless Steel 2B Sheet 16 Gauge X 0.06000 (+-.004) X Width 48.0000 X Length 120 ASME SECT II A SA-240(M) 2007 ASTM A 240/A 240M REV A 2016 ROHS COMPLIANT Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	2 200.448	PC LB	325.73 CAD 1 PC	651.46
0060	OFFERING 6X8 SSRD00300 T-304/304L Stainless Steel Round Rough Turned 6.0000 " (+.125-0) X 96 RBW Cutting - Standard +.25 Cut To Length 96.0000 " 1 ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS 5647 K Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 03/07/2018	1 8 803.232	PC FT LB	422.70 CAD 1 FT	3,381.60

20.3625
951

QUOTE

thyssenkrupp Materials NA 2821 Langstaff Road Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
CanadaDATE: 02/22/2018
QUOTE NO: 1203013596
YOUR INQUIRY:
ATTENTION TO: CHANTAL LAVOIE
TEL: 613-632-5200

PAGE 3 OF 3

ITEM	DESCRIPTION	QTY1	UOM	PRICE CUR	TOTAL
		QTY2	UOM	PER UOP	
0070	SSRD00122 1-304/304L Stainless Steel Round 0.6250" (+-.002) X 144 Mill Length ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS 5647 K SAE AMS-QQ-S-763 D Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	2	PC	3.01 CAD	72.24
		24	FT	1 FT	
		25.176	LB		

Weight total

1,422.994 LB

Items total

5,566.76

Net Amount

5,566.76

GST

723.68

TOTAL

6,290.44

Payment Terms: Within 30 days without deduction
Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
Shipping Condition: General Delivery

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment
Our standard terms and conditions apply should this quote become an orderFor terms and conditions please refer to website at <http://www.tkmna.com/tkmna/Resources/CustomerService/index.html>Any obvious damage must be noted on the material delivery documentation at the time of receipt
Tax exemption status documentation must be forwarded to credit department prior to order approval
All returned material subject to restock charge



ORDER CONFIRMATION

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

TEL: 613-632-5200
FAX: 613-632-5246

DATE: 02/27/2018
ORDER NO: 1403544606 *
YOUR P/O: 39131 dtd. 02/22/2018
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200
CUSTOMER NO: 10058125
DEPARTMENT: CAN TOR INS 01
CONTACT: Stan Ivers
TEL: 905-532-1350 ext -21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRU
PP.COM
* please state on all documents

We thank you for your order which we confirm as follows:

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0010	ALREC76047 6061 T6511 Aluminum Extruded Rectangular 0.50000 X 12.0000 X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2 24 169.344	PC FT LB	17.64 CAD 1 FT	423.36
0020	ALREC00870 6061 T6511 Aluminum Extruded Rectangular 0.50000 (+-.009) X 5.0000 (+-.034) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2 24 70.560	PC FT LB	7.35 CAD 1 FT	176.40
0040	ALSQ00013 6061 T6511 Aluminum Extruded Square 1.00000 " (+-.012) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2 24 28.224	PC FT LB	2.94 CAD 1 FT	70.56



ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C5

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE:
ORDER NO:
YOUR P/O:
ATTENTION TO
TEL:

02/27/2018
1403544606 *
39131 dtd. 02/22/2018
CHANTEL LAVOIE
613-632-5200
* please state on all documents

PAGE 2 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0060	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2 24 56.448	PC FT LB	5.88 CAD 1 FT	141.12
0070	ALREC00304 6061 T6511 Aluminum Extruded Rectangular 1.50000 (+-.014) X 2.5000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	5 60 264.600	PC FT LB	11.03 CAD 1 FT	661.80
0080	ALSQ00023 6061 T6511 Aluminum Extruded Square 2.25000 " (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/06/2018 1.5 WEEKS ARO	1 12 71.448	PC FT LB	17.86 CAD 1 FT	214.32



ORDER CONFIRMATION

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5G6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE:
ORDER NO:
YOUR P/O:
ATTENTION TO:
TEL:

02/27/2018
1403544606 *
39131 dtd. 02/22/2018
CHANTEL LAVOIE
613-632-5200
* please state on all documents

PAGE 3 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0110	ALREC01081 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 18.0000 (+.288-0) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT Nominal Chemistry/Nom Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018 1.5 WEEKS ARO	2 24 508.032	PC FT LB	72.50 CAD 1 FT	1,740.00
0120	ALREC00274 6061 T6511 Aluminum Extruded Rectangular 0.75000 (+-.010) X 6.0000 (+-.044) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	1 12 63.504	PC FT LB	13.23 CAD 1 FT	158.76
0130	ALREC00726 6061 T6511 Aluminum Extruded Rectangular 1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	1 12 35.280	PC FT LB	7.35 CAD 1 FT	88.20



ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/27/2018
ORDER NO: 1403544606 *
YOUR P/O: 39131 dtd. 02/22/2018
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200
* please state on all documents

PAGE 4 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0160	OFFERING .080X48X144 ALFLR00493 6061 Aluminum T6 Sheet 0.08000 (+-.0035) X Width 48.0000 X Length 144 ASTM B209 2014 ROHS COMPLIANT SAE AMS 4027 N Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	3 162.570	PC LB	135.47 CAD 1 PC	406.41
0170	OFFERING .3125X48.5X144.5 ALFLR74857 6061 Aluminum T651 Sheet 0.31200 X Width 48.5000 X Length 144.5000 Actual Chemistry/Act. Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	1 214.287	PC LB	535.72 CAD 1 PC	535.72
0180	SSREC00117 T-304/304L Stainless Steel HRAP Rectangular 0.75000 " (+-.015) X 1.5000 " (+-.031) X 144 Mill Length ASME SEC II A-2 SA-479(M) 2007 ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS-QQ-S-763 D Actual Chemistry/Act. Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	1 46.176	PC LB	276.93 CAD 1 PC	276.93
Weight total		1,690.473 LB			4,893.58
Items total					4,893.58
Net Amount					636.16
GST					5,529.74
TOTAL					

Payment Terms: Within 30 days without deduction

ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road Concord ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/27/2018
ORDER NO: **1403544606 ***
YOUR P/O: 39131 dtd. 02/22/2018
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200
* please state on all documents

PAGE 5 OF 5

Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
Shipping Condition: General Delivery

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment
Our standard terms and conditions apply should this quote become an order

For terms and conditions please refer to website at <http://www.tkmna.com/tkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.
Tax exemption status documentation must be forwarded to credit department prior to order approval.
All returned material subject to restock charge

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.750x1.500
 DATE: MAR 05 2018

PO / BATCH NO.: 039131/5042752

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750
 THICKNESS RECEIVED: 0.750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	<u>(Y)</u> N	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u> N	
CORRECT MATERIAL PER M-DRAWING	<u>(Y)</u> N	<u>Astm A276</u>
CORRECT THICKNESS	<u>(Y)</u> N	
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(Y)</u> N	<u>Heat # 56162100</u>
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u> N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DA 11</u> DATE: <u>9-81 MAR 05 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

C	ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE RELATED SPECIFICATIONS, AND EG: CHANGED TITLE FROM "304/316 BAR" TO "304/316 BAR/PLATE"	MB	10.11.25
B	REFORMAT DWG, ADD SPECS (ZN D6-1).	CP	09.07.15
A	NEW ISSUE	PH	05.06.10
REV	DESCRIPTION	BY	DATE
DESIGN	<i>PH</i>	DART AEROSPACE LTD	
DRAWN	<i>ph</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>ph</i>	REV. C	
MFG. APPR.	<i>ph</i>	SHEET 1 OF 1	
APPROVED	<i>ph</i>	SCALE	
DE APPR.	<i>ph</i>	304/316 BAR/PLATE	
DATE	10.11.25	CONSULT TO DART AEROSPACE LTD. THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE SAME PURPOSES AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.	

Dan



thyssenkrupp

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7



DATE: 03/02/2018
DOC. NO: 2405788197*
BOL. NO: 2405788197
ORDER NO: 1403544606
YOUR P/O: 39131
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Stan Ivers
TEL: 905-532-1350 ext 21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRUP
P.COM

Hube

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO
0010	SSREC00117 T-304/304L Stainless Steel HRAP Rectangular 0.75000 " (+-.015) X 1.5000 " (+-.031) X 144 Mill Length Actual Chemistry/Act. Physical Standard Packaging	1 PC 48 lb	1008337228
	TAGNUM QTY UOMVEND VENDPO HLOT		
	PCS		
	2001313394 1 PC BOLLINGHA 5400334499 56162100		

SAE AMS 5639|J;SAE AMS-QQ-S-763|D;ASME SEC II A-2 SA-479(M)|2007;ROHS
COMPLIANT;ASTM A 276/A 276M REV A|2016;ASTM A 479/A 479M|2017

Total Gross Weight

53.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	03/02/2018
DOC. NO:	2405788197*
BOL. NO:	2405788197
ORDER NO:	1403544606
YOUR P/O:	39131
CUSTOMER NO:	10058125
Route:	303UA
CONTACT:	Stan Ivers
TEL:	905-532-1350 ext 21350
FAX:	905-738-9033 ext 9033
EMAIL:	STAN.IVERS@THYSSENKRUP P.COM

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance



BOLLINGHAUS STEEL Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458	Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: /Nr.: 0000125852												
	Unsere Innere Verwelsung /Our Int. Ref/ N/ ref int 5600034013 000140		Datum / Date / Data 24.03.2017												
Normen / Standards / Normas TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A479/A479M-16a, ASTM F899-12b, ASME SA479/SA479M-2015, AMS 5639H, AMS 5647J, AMS QQ-S-763D, execution as per ASTM A484/A484M-16.															
Kunde / Customer / Cliente ThyssenKrupp Materials NA 22355 West 11 Mile Road 48051 Southfield Michigan		Endgültiger Kunde / Final Customer / Cliente Final Copper & Brass 8001 Thyssenkrupp Parkway 43619 Northwood, OH													
Bestell Nr./Order Nr./ Enc.Nr. 5400334499-R02		Bestell Nr./ Order Nr./ Enc.Nr. 5400334499-R02.1													
Produktgruppe / Product Group / Grupo Produto AISI 304/L FLAT 3/4 X 1-1/2"		Gewicht / Weight / Peso 4 772 lb		Bunde / Bundle / Atados 02											
Werkstoff-Nr. Material-no. Qualidade 1.4307		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNi 18-9													
Beschreibung / Description / Descrição Stainless steel flat bars, hot rolled, heat treated, straightened and pickled. Item N° SSREC00117 US DFAR 252 225-7009: MELT SOURCE: United Kingdom / MFG: Portugal.															
Schmelzen Nr. Cast nr. / Funde nr. 56162100	Chemische Analyse in % / Chemical composition in % / Análise química em %														
	C	0.018	Si	0.320	Mn	1.680	P	0.032	S	0.025	Cr	18.220	Ni	8.060	
EAF+AOD	Mo	0.510	Co	0.178	Cu	0.590	N	0.080	Ti	0.003	Al	0.006	-	-	
Proben Nr. Test no. Amostra no.	ASTM E399 Kerbschlagarbeit Impact Test Resiliência {Charpy V}			Streckgrenze Yield point Tensão limite Rp 0,2 % [Ksi]		Dehngrenze 1% point Limite de extensão Rp 1,0% [Ksi]		Zugfestigkeit Tensile strength Tensão de rotura Rm [Ksi]		Dehnung Elongation Alongamento A5 4D [%] [%]		Einschnürung Reduction of area Coef. Estricção Z [%]			
	3060082.02 01			223.0		47.3		55.8		95.0		57.2 60.0		68.6	
Visuelle Kontrolle Visual inspection Inspeção visual	<input checked="" type="checkbox"/> OK	ASTM E10 Härte Hardness Dureza 160 [HB]		ASTM A262 Practice E Korrosionsbeständigkeit IC Test Corrosão Intermetálica <input checked="" type="checkbox"/> OK		Wärmebehandlung Heat treatment Tratamento térmico Annealed Quenched 1900 °F (1050 °C) (water quenched)									
Maßkontrolle Dimensional inspection Inspeção dimensional	<input checked="" type="checkbox"/> OK	ASTM E112 Korngröße Grain size Tamanho de grão 8		Werkstoffverständiger Quality Control Representative Inspector da Qualidade Nuno Silva (N-NS)											
Verwechslungsprüfung Test of identity Teste de identificação	<input checked="" type="checkbox"/> OK	Makroskopische Untersuchung Macrographic test Material free from segregation defects.		<input checked="" type="checkbox"/> OK											
Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.				Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.											

129.K PP

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 48 LB

Del.: 2405788197

CstOr 39131

Date 02/28/2018

Tomas Sanchez

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061H6B1.000x16.000

PO / BATCH NO.: 039131/5047751

DATE: MAR 05 2018

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000

QUANTITY RECEIVED: 24'

THICKNESS RECEIVED: 1.000

QUANTITY INSPECTED: 24'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>Aston B221</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>Heat # 21940299</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-89 MAR 05 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

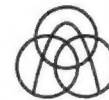
PART NUMBER: M6061T6B T.TTT X WWW.WWW
THICK WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
2009-03-03
MD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZND7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AS		
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO.		SHEET 1 OF 1	
TITLE		SCALE	
6061-T6 BAR		NTS	
COPYRIGHT © 2001 BY DART AEROSPACE LTD. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.			



DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7



DATE: 03/02/2018
DOC. NO: 2405788192*
BOL. NO: 2405788192
ORDER NO: 1403544606
YOUR P/O: 39131
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Stan Ivers
TEL: 905-532-1350 ext 21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRUP
P.COM

1BDC

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO
0010	ALREC01081 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 18.0000 (+.288-0) X 144 Mill Length Nominal Chemistry/Nom Physical Standard Packaging 1.5 WEEKS ARO	2 PC 519 lb	1008336695
	TAGNUM QTY UOMVEND VENDPO HLOT		
	PCS		
	2001313292 2 PC SAPA EXTR 5400249881	21940249	2

ROHS COMPLIANT;ASTM B 221|2014

Total Gross Weight

521.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	03/02/2018
DOC. NO:	2405788192*
BOL. NO:	2405788192
ORDER NO:	1403544606
YOUR P/O:	39131
CUSTOMER NO:	10058125
Route:	303UA
CONTACT:	Stan Ivers
TEL:	905-532-1350 ext 21350
FAX:	905-738-9033 ext 9033
EMAIL:	STAN.IVERS@THYSSENKRUP P.COM

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance





Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

COPPER & BRASS SALES INC
ATTN: ACCOUNTS PAYABLE
P.O. BOX 5116

SOUTHFIELD, MI - 48086

Ship To Customer

COPPER & BRASS SALES INC
8001 THYSSENKRUPP PARKWAY

NORTHWOOD, OH - 43619

Certified Inspection Report

Sales Order Number 1100869622	Line No. 4	Customer P/O 5400249881-40	Cert Number SAPA1132418	Page Page 1 of 2
			Cert Creation Date 08-FEB-15	Cert Print Date 08-FEB-15

Quantity Shipped	Date Shipped	Item Description	Specification
1042	08-FEB-15	ACC-U-LINE Extruded ACC-U- PLATE	ASTM B221 REV 14 ASMES B221 REV 09 AMS-QQ-A-200/8 REV 1997 RA 2012 IS-AUP REV
B/L 607685	Item No. G03360546	1.000 TK x 18.000 W TK TOL +.038/- .000 W TOL +.228/- .000 SECT 515458 144.000 IN LN FIN M-MILL	
Delivery Id 4629735	Item No. Rev --	W/F 21.707 F 2 CS 18.1 6061/T6511 Marking CONTINUOUS	
Customer/Part No. ALREC01081			

Applicable Specifications, Revisions and Exceptions

ACC-U-PLATE

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

William T. Martin, III

William Martin III
Tech/Quality Manager

08-FEB-15

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
G12-PKG2342161	21940249	4	PCS	Gross	Net
				1048	1042

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 519 LB

Del.: 2405788192

CstOr 39131

Date 02/28/2018

Thomas Sanchez



Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number 1100869622	Line No. 4	Customer P/O 5400349881-40	Cert Number SAPA1132418	Page 2 of 2
			Cert Creation Date 08-FEB-15	Cert Print Date 08-FEB-15

Alloy	Ti		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4034295	0.68	0.22	0.23	0.05	0.91	0.05	0.04	0.02	--	--

Mechanical Property - Test Limits

Test Type		UTS - L		TYS - L		EL 4D-Long	
UOM		KSI		KSI		PCT	
# of Test		--		--		--	
Test Temper	Lot Number	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511S8	21940249	48.2	48.4	44.8	44.9	11.7	13.5

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy

In accordance with EN 10204 Inspection Certificate Type 3.1

Melted in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)

Manufactured in the United States

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 519 LB

Del.: 2405788192

CstOr 39131

Date 02/28/2018